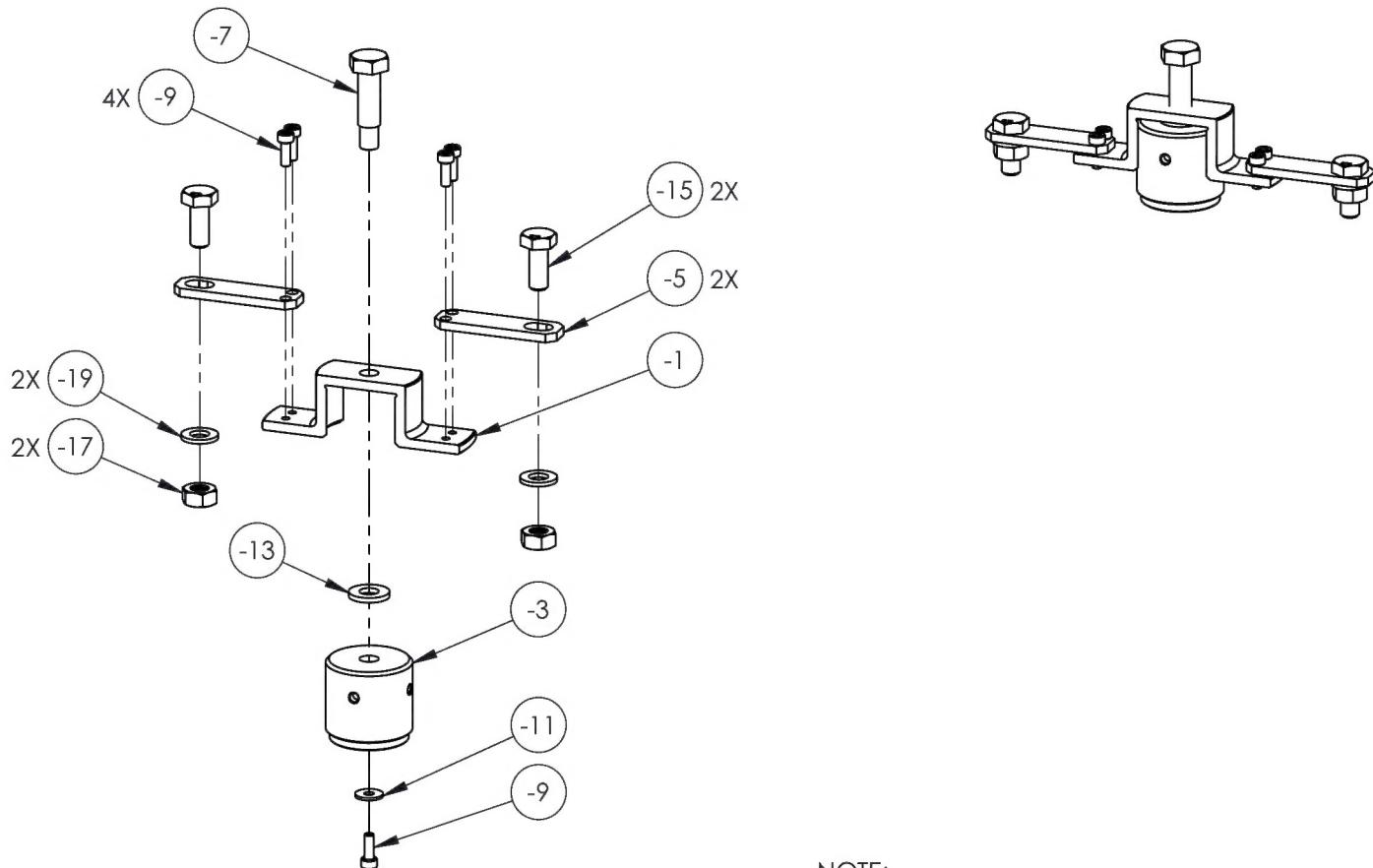


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REVIEWS			
REV	ECR	DESCRIPTION	DATE
1		RELEASED FOR PRODUCTION.	7/20/2016 DPD JAG



NOTE:
REF. AIRBUS T/N: M632V3015102.



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BODY	4140/4142		2
			-3	1	GUIDE	4140/4142		3
			-5	2	ATTACH	6061		4
			-7	1	HEX HEAD CAP SCREW	STEEL	M12 X 1.75mm (MCMASTER-CARR #91310A142) MODIFIED	5
		B/O	-9	5	SOCKET HEAD CAP SCREW	STEEL	M5 X 0.8mm X 14mm (MCMASTER-CARR #95263A360)	1
		B/O	-11	1	WASHER	STEEL	M5 (MCMASTER-CARR #91100A140)	1
		B/O	-13	1	WASHER	NYLON	M10 (MCMASTER-CARR #95610A600)	1
		B/O	-15	2	HEX HEAD CAP SCREW	STEEL	M10 X 1.5mm X 25mm (MCMASTER-CARR #91280A630)	1
		B/O	-17	2	HEX NUT	STEEL	M10 X 1.5mm (MCMASTER-CARR #90591A171)	1
		B/O	-19	2	WASHER	STEEL	M10 (MCMASTER-CARR #91166A280)	1
		B/O	-21	1	BOTTOM FOAM	Y20 BLACK	2.08 X 6.04 X 10.54 (I.R. SPECIALTY)	6
		B/O	-23	1	TOP FOAM	Y20 BLACK	1.08 X 6.04 X 10.54 (I.R. SPECIALTY)	7
		B/O	-25	1	CASE	PLASTIC	PELICAN #APP-1170-E	N/S
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S

TITLE ALTERNATOR SEAL EXCHANGE

RBEM632V3015102

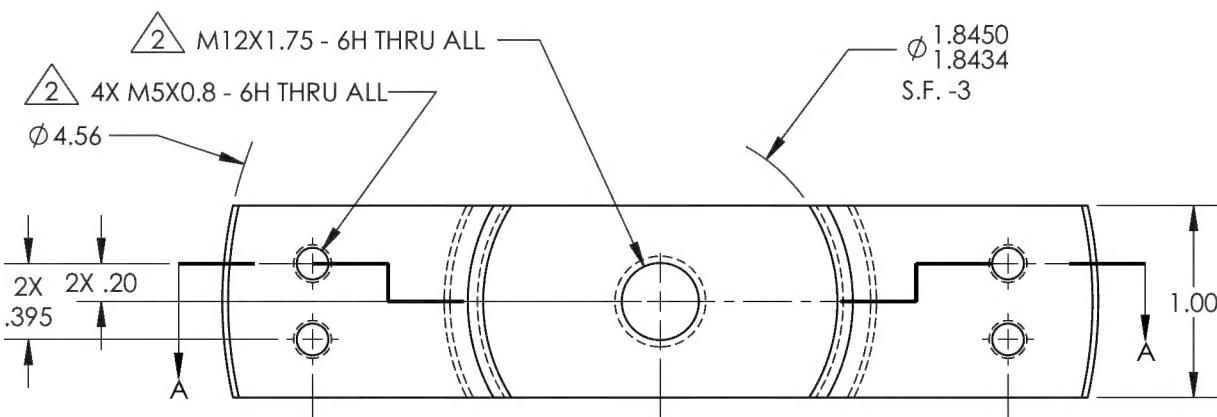
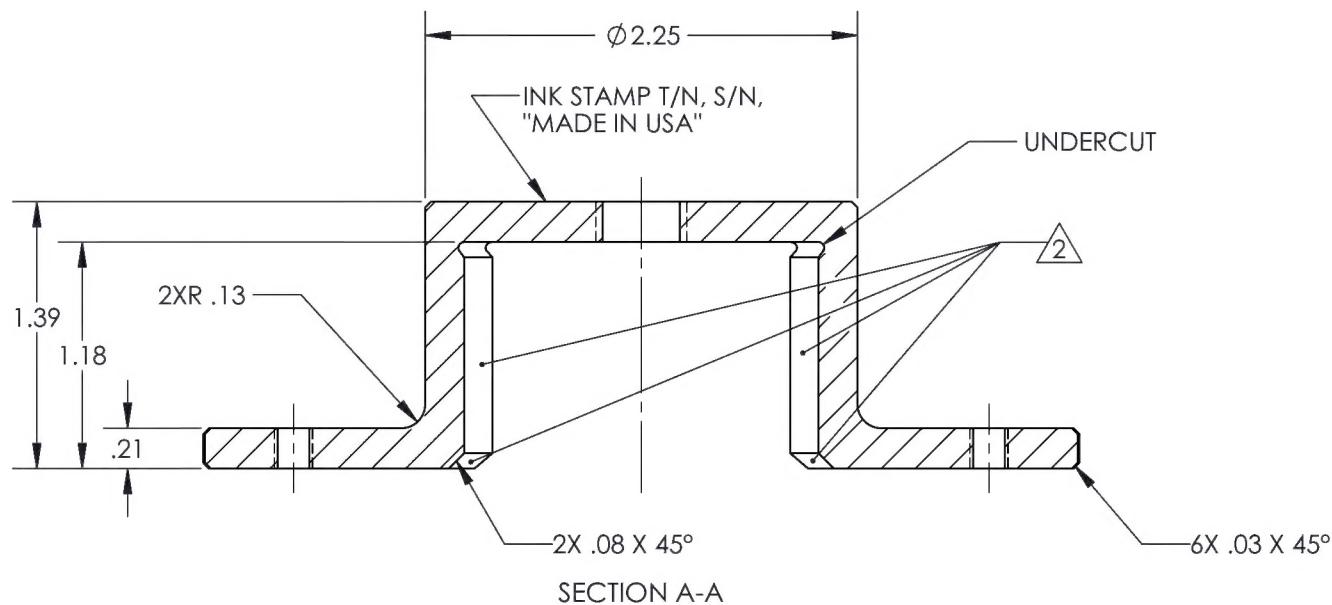
REV
1

MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	X ± .1 SURFACES = 125 ✓
DRAWN BY:	DUERFELDT
CHECKED:	MACKOVJAK
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:4
DATE	6/3/2016
USED ON MODEL	
H175	
SCALE	1:4
DATE	6/3/2016
SHEET 1 OF 7	

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009

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REV	ECR	REVISIONS		
		DESCRIPTION	DATE	INITIAL APPROVED



(-1)

BODY

NOTES:

1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.

2△ NO POWDER COAT THIS SURFACE.



TITLE
ALTERNATOR SEAL EXCHANGE

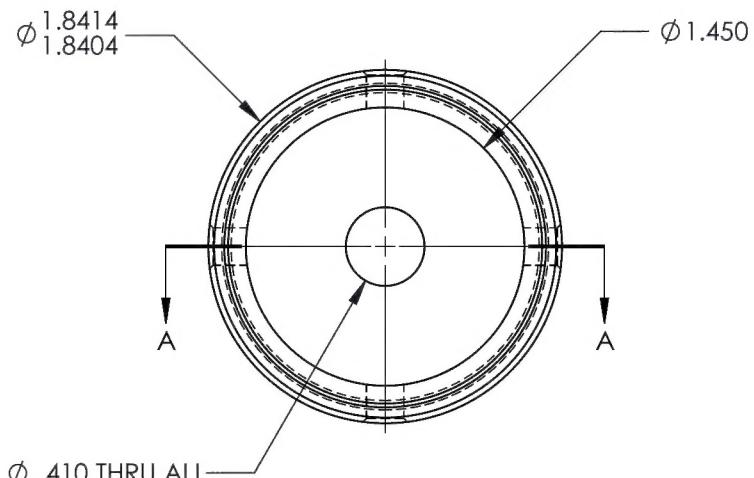
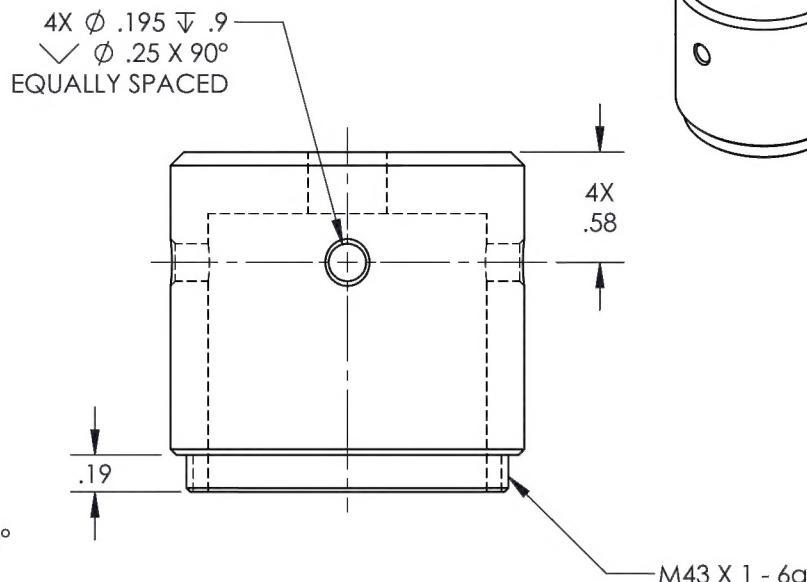
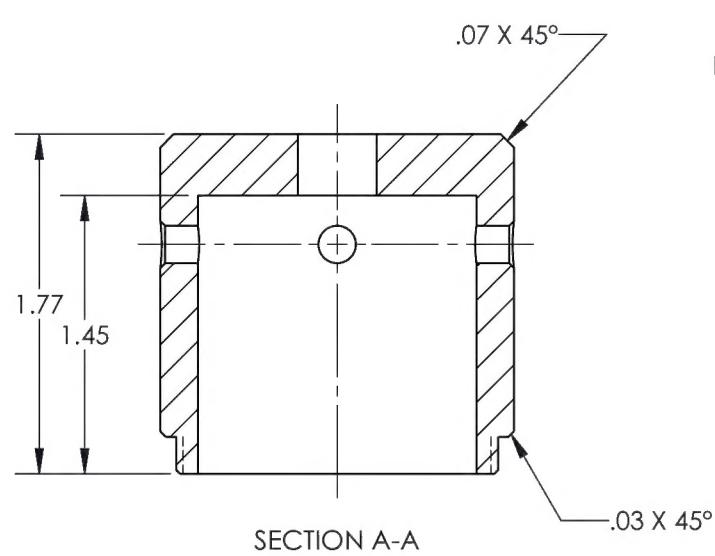
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REV 1

MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH SEE NOTE 1	X ± .1 SURFACES = 125 ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 6/3/2016
	SHEET 2 OF 7

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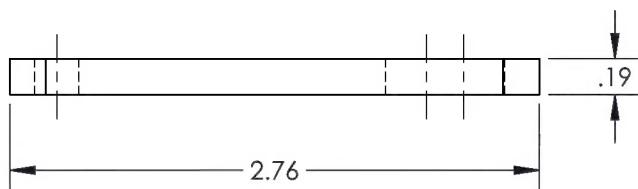
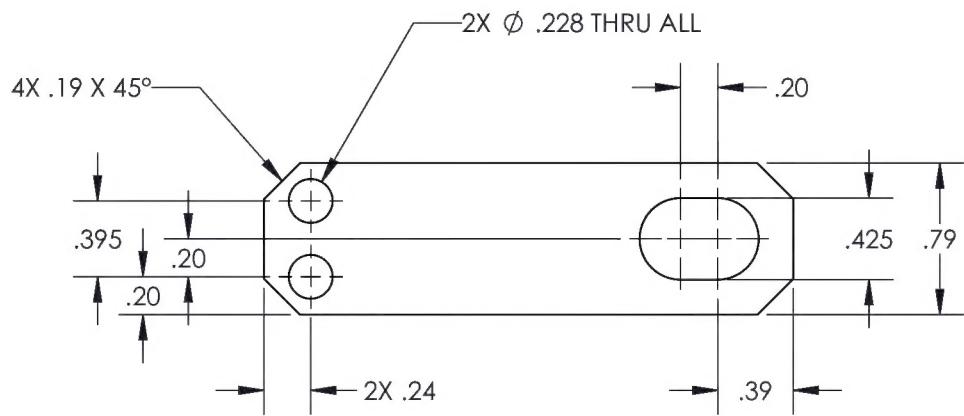
REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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DART AEROSPACE	
TITLE	
ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-3	
REV 1	
MAT'L 4140/4142	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	DUERFELDT
CHECKED:	MACKOVJAK
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
H175	
SCALE	1:1
DATE	6/3/2016
SHEET 3 OF 7	

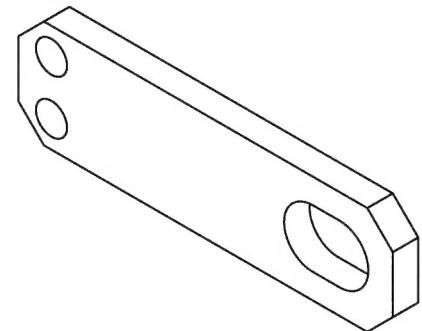
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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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(-5)

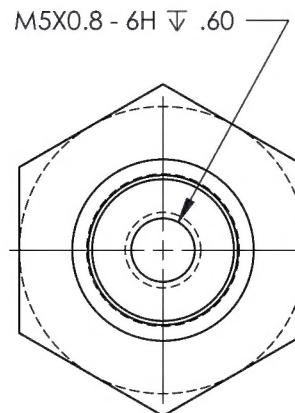
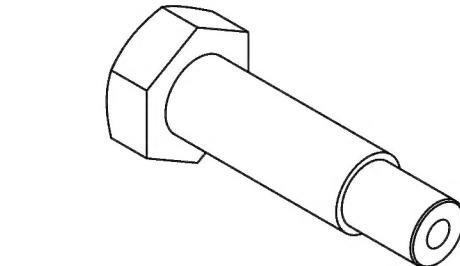
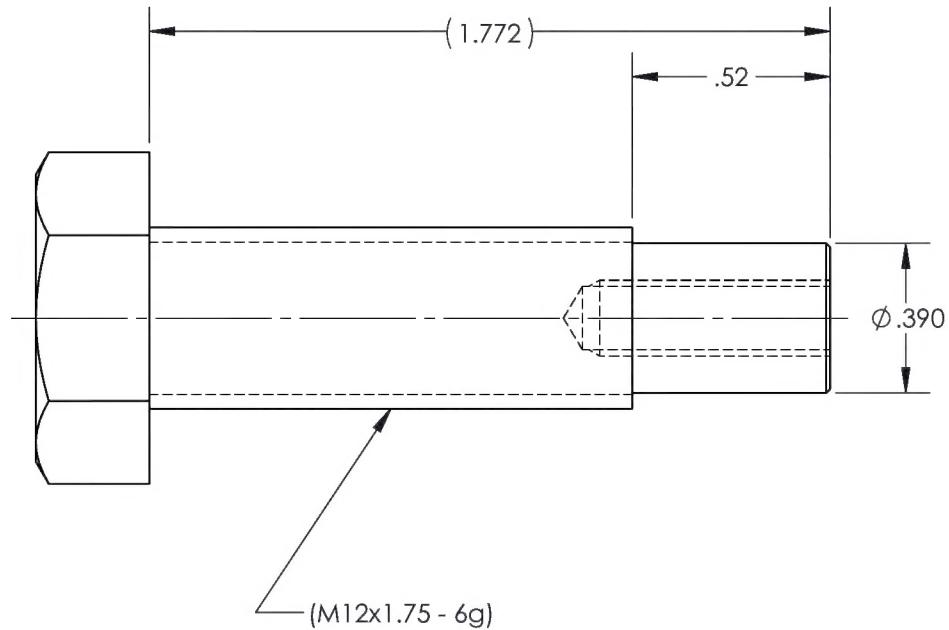
ATTACH



DART AEROSPACE	
TITLE	
ALTERNATOR SEAL EXCHANGE	
DWG NO.	RBEM632V3015102-5
REV	1
MAT'L 6061 UNLESS OTHERWISE SPECIFIED	
HEAT DIMENSIONS ARE IN INCHES	
TREAT FRACTIONS $\pm \frac{1}{16}$	
FINISH POWDER COAT YELLOW ANGLES $\pm 5^\circ$	
SPEC FED #13538 SURFACES = 125 ✓	
DRAWN BY: DUERFELDT	
CHECKED: MACKOVJAK	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY USED ON MODEL	
APPROVED: GILBERT H175	
SCALE	1:1
DATE	6/3/2016
SHEET 4 OF 7	

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		DESCRIPTION	DATE	INITIAL
				APPROVED



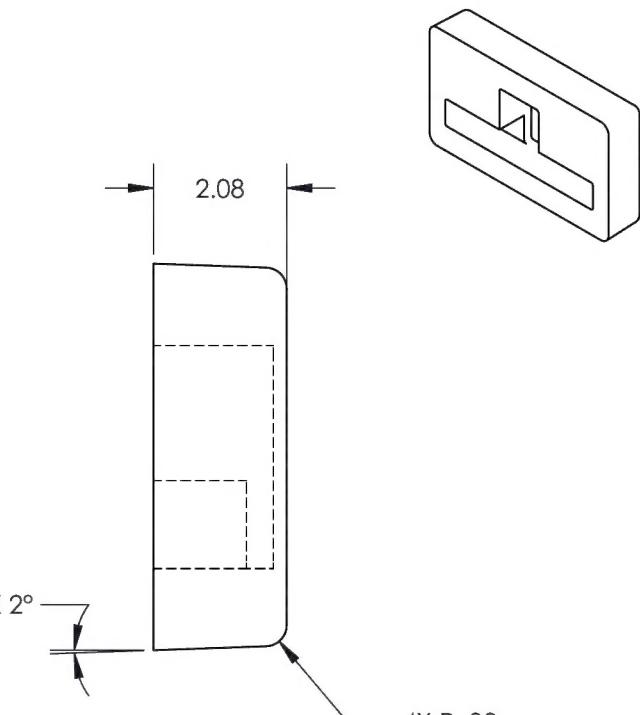
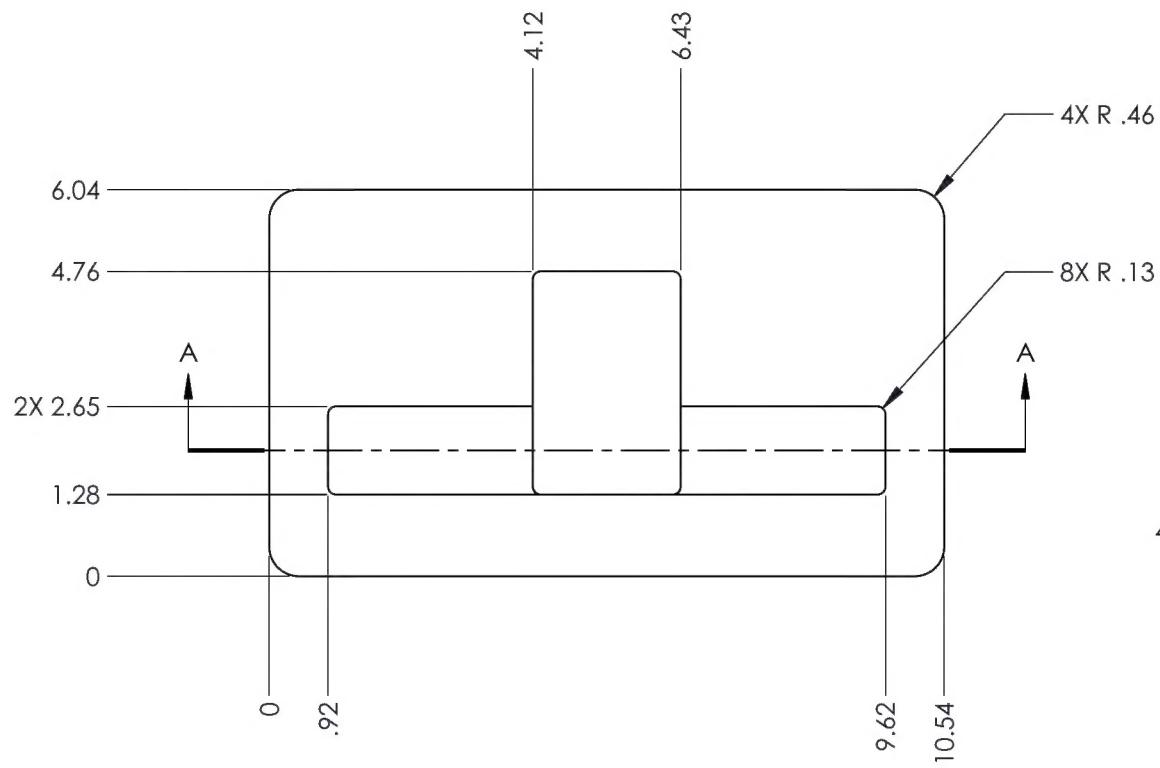
DART AEROSPACE	
TITLE	
ALTERNATOR SEAL EXCHANGE	
DWG NO.	RBEM632V3015102-7
REV	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT XXX \pm .005 FRACTIONS \pm 1/8	
TREAT XX \pm .01 ANGLES \pm 5°	
FINISH X \pm .1 SURFACES = 125 ✓	
SPEC ASTM B633 TYPE I SC 2	
DRAWN BY:	DUERFELDT
CHECKED:	MACKOVJAK
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL H175	
SCALE	2:1
DATE	6/3/2016
SHEET 5 OF 7	

(7)

HEX HEAD CAP SCREW

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REV	ECR	REVISIONS		
		DESCRIPTION	DATE	INITIAL APPROVED



SECTION A-A

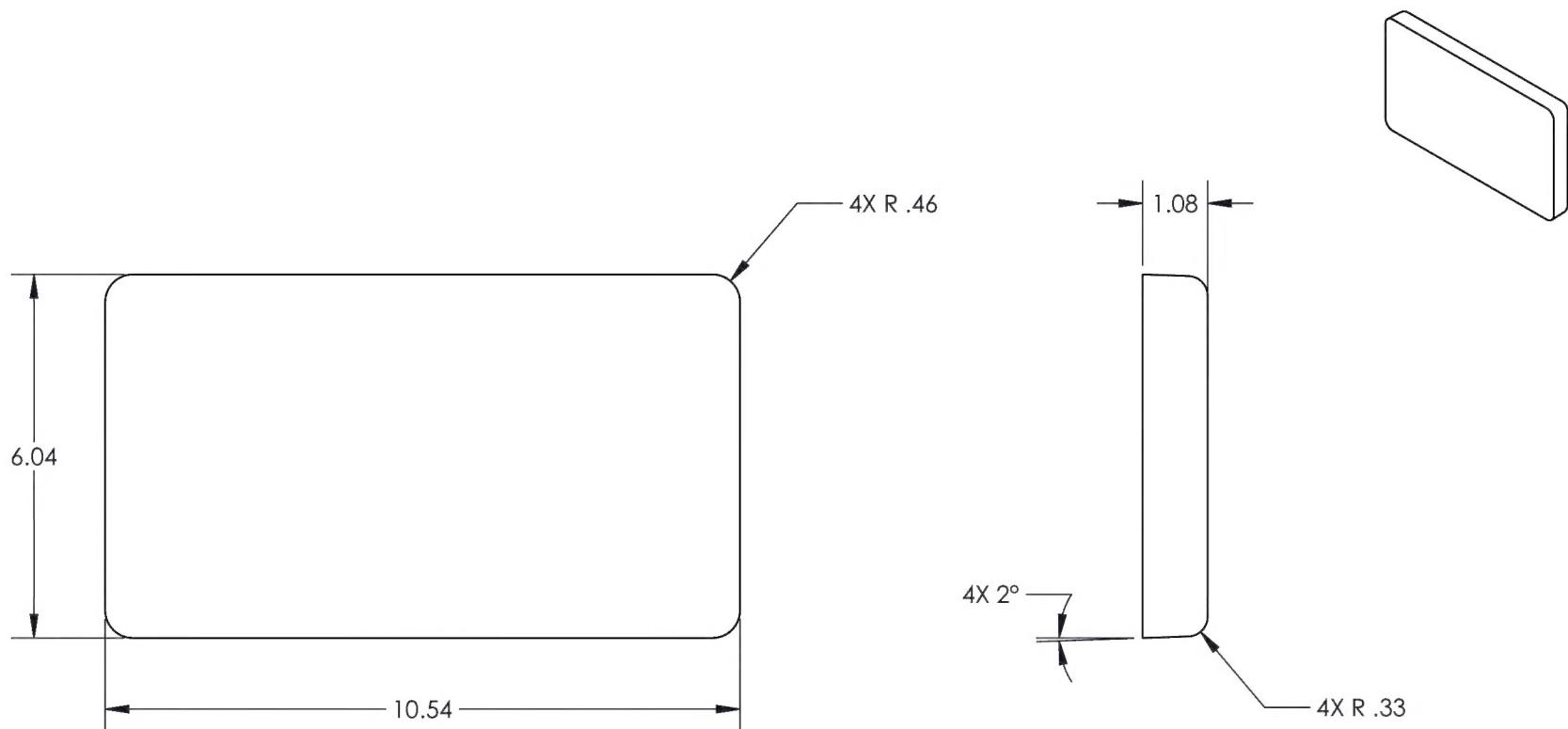
BOTTOM FOAM

(-21)

DART AEROSPACE	
TITLE	
ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-21	
REV 1	
MAT'L Y20 BLACK	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
X ± .1 SURFACES = 125 ✓	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	DUERFELDT
CHECKED:	MACKOVJAK
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
H175	
SCALE	1:3
DATE	6/3/2016
SHEET 6 OF 7	

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REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED
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TOP FOAM

(-23)

DART AEROSPACE	
TITLE ALTERNATOR SEAL EXCHANGE	
DWG NO. RBEM632V3015102-23	
REV 1	
MATERIAL Y20 BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH	X ± .1 SURFACES = 125 ✓
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:	DUERFELDT
CHECKED:	MACKOVJAK
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
H175	
SCALE	1:3
DATE	6/3/2016
SHEET 7 OF 7	